

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 1-21 are pending. Claims 1, 9 and 15 are independent and hereby amended. No new matter has been added. It is submitted that these claims, as originally presented, were in full compliance with the requirements of 35 U.S.C. §112. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicant is entitled.

II. SUPPORT FOR AMENDMENT IN SPECIFICATION

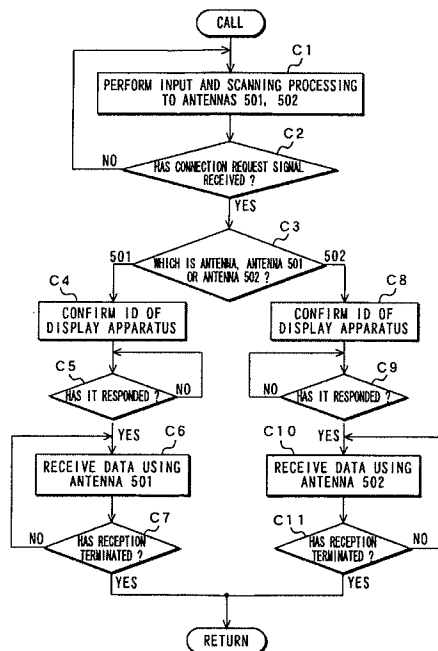
Support for this amendment is provided throughout the Specification as originally filed and specifically at paragraphs [0092]-[0093] and Fig. 11 of Applicant's corresponding published application. By way of example and not limitation:

[0092] When data is transmitted from the display apparatus 401 [#1] to the base station 101, the process proceeds to Step B11 where the base station 101 scans the antenna switch 2 and waits for receiving an input, except for the case where it is in the transmission processing. For example, a subroutine shown in FIG. 11 is called and in Step C1 thereof, an input and scanning processing to the antennas 501, 502 is performed. At this time, in the common section 117K, the reception signal Rx is input. Then,

the process proceeds to Step C2 where it is checked whether or not a connection request signal SC has been received. If no connection request signal SC has been received, the process returns to Step C1 where the input and scanning processing is continued.

[0093] When the connection request signal SC is received from the display apparatus 401 [#1] or 402 [#2], the process proceeds to Step C3 where it is determined which of the antennas 501, 502 is receiving stronger radio wave than the other, and either one of the antennas 501, 502 which is receiving stronger radio wave is selected. When the antenna 501 is receiving stronger radio wave, the process proceeds to Step C4 where the terminal ID of each of the display apparatus 401 [#1] or 402 [#2] etc. is confirmed. In this case, the terminal ID, "#1", of the display apparatus 401 [#1] is confirmed. Then, the process proceeds to Step C5 where it is checked whether or not a connection response signal SA has been transmitted to the display apparatus 401 [#1]. If a connection response signal SA has been transmitted to the display apparatus 401 [#1], the process proceeds to Step C6 where data is received from the display apparatus 401 [#1] using the antenna 501. After that, the process proceeds to Step C7 where it is checked whether or not all the data has already been received. If all the data still has not been received, the process returns to Step C6 where the reception is continued. If all the data has already been received, the process returns to Step B10 in the flowchart shown in FIG. 10.

FIG. 11



III. RESPONSE TO REJECTIONS UNDER 35 U.S.C. §103(a)

Claims 1-21 were rejected under 35 U.S.C. §103 as allegedly unpatentable over Japanese Patent No. JP 2000-232458 to Yokogawa et al. (hereinafter, merely “Yokogawa”) in view of U.S. Patent Application Publication No. 2001/0015967 to Sugiura (hereinafter, merely “Sugiura”) and Japanese Patent No. JP 2000-232456 to Yokogawa et al. (hereinafter, merely “Yokogawa (JP 2000-232456)”).

Claim 1 recites, *inter alia*:

...wherein the wireless communication apparatus determines an optimal one of the antenna bodies for transmission **based on signal strength of the connection request signal received by the antenna bodies** prior to sending video data to the wireless terminal... (Emphasis added)

Applicant submits that neither Yokogawa nor Sugiura nor Yokogawa (JP 2000-232456), taken alone or in combination, would disclose or render predictable the above-identified features of claim 1. Specifically, none of the references used as a basis for rejection discloses or renders predictable “the wireless communication apparatus determines an optimal one of the antenna bodies for transmission **based on signal strength of the connection request signal received by the antenna bodies** prior to sending video data to the wireless terminal,” as recited in claim 1.

The Office Action (see page 5) asserts that Yokogawa(JP 2000-232458) discloses the wireless communication apparatus determines an optimal one of the antenna bodies for transmission prior to sending video data to the wireless terminal, and refers to Yokogawa,

paragraphs 7-9. Applicant notes that to Yokogawa (JP 2000-232458) is in Japanese, and thus relies on a machine translation of the reference provided by the Office; citations are from this machine translation. Yokogawa (JP 2000-232458), paragraphs [0007]-[0009] are reproduced as follow:

[0007]As an example of the concrete communication procedure performed using such a communication frame, it performs first detecting the child stations 2a-2c which are not yet recognized and in which radio is possible in the key station 1 by carrying out wireless transmission of the reporting signal via the reporting signal slot B. On the other hand, if the child stations 2a-2c which are not yet recognized by the key station 1 receive a reporting signal, by carrying out wireless transmission of the requirement signal to the key station 1 via the request signal slots R1-R12 in the child stations 2a-2c concerned, It performs making the key station 1 recognize self (the child stations 2a-2c concerned) or requiring the data communications from the child stations 2a-2c concerned to the key station 1 of the key station 1.

[0008]The key station 1 is equipped with the management tool matched and managed, and the directional antenna used for communication with the identifier of the child stations 2a-2c, and the child stations 2a-2c concerned in the key station 1. When the requirement signal by which wireless transmission was carried out from the child stations 2a-2c is received, it performs matching and managing the identifier of the child stations 2a-2c which carried out wireless transmission of the requirement signal concerned, and the directional antenna which received the requirement signal concerned. That is, in the key station 1, it is regarded as that to which the child stations 2a-2c concerned exist in the subordinate (communication feasible region) of a directional antenna who received the requirement signal by which wireless transmission was carried out from the child stations 2a-2c, and the child stations 2a-2c concerned are managed. The peculiar identification number (UM_ID) which the key station 1 faces accommodating the child stations 2a-2c, for example, and is given to the child stations 2a-2c concerned as an identifier of the child stations 2a-2c is used.

[0009]An example of the contents of management by the management tool of the above-mentioned key station 1 is shown in drawing 9, and in the figure. For example, a table (CCB table) Q2

called CCB (call control block) is formed in the memory of the key station 1 at each child station 2a which the key station 1 has accommodated - every 2c, It is performing managing the state of each child stations 2a-2c, etc. by changing the variable stored in the CCB table Q2 concerned. As specifically shown in the figure, corresponding to the identification numbers 71a-71c of each child stations 2a-2c which the key station 1 accommodates, the state number 72 and sector number 73 grade of each child stations 2a-2c concerned are set to the CCB table Q2, and it is changed into it timely. Here, in the state number 72, it is the information which shows the state of each child stations 2a-2c, and when a sector antenna with two or more sector units is used, for example as two or more directional antennas, it is [sector number / 73] the information which specifies the sector unit used for communication with each child stations 2a-2c.

Applicant submits that Yokogawa discloses nothing about determining an optimal one of the antenna bodies **based on signal strength of the connection request signal received by the antenna bodies**. Therefore, Yokogawa fails to disclose or render predictable “the wireless communication apparatus determines an optimal one of the antenna bodies for transmission **based on signal strength of the connection request signal received by the antenna bodies** prior to sending video data to the wireless terminal,” as recited in claim 1.

Furthermore, this deficiency of Yokogawa (JP 2000-232458) is not cured by the supplemental teaching of Sugiura or Yokogawa (JP 2000-232456).

Therefore, Applicant submits that independent claim 1 is patentable and respectfully request reconsideration and withdrawal of the rejection.

For reasons similar to, or somewhat similar to, those described above with regard to independent claim 1, independent claims 9 and 15 are also patentable, and Applicant thus respectfully requests reconsideration of the rejections thereto.

IV. DEPENDENT CLAIMS

The other claims in this application are each dependent from one of the independent claims discussed above and are therefore believed patentable for at least the same reasons. Applicant thereby respectfully requests reconsideration and withdrawal of rejections thereto. Because each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

CONCLUSION

Because Applicant maintains that all claims are allowable for at least the reasons presented hereinabove, in the interests of brevity, this response does not comment on each and every comment made by the Examiner in the Office Action. This should not be taken as acquiescence of the substance of those comments, and Applicant reserves the right to address such comments.

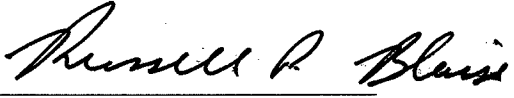
In the event the Examiner disagrees with any of statements appearing above with respect to the disclosure in the cited reference, or references, it is respectfully requested that the Examiner specifically indicate those portions of the reference, or references, providing the basis for a contrary view.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicant respectfully requests early passage to issue of the present application.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicant

By 

Thomas F. Presson
Reg. No. 41,442
Russell P. Blaise
Reg. No. 66,567
(212) 588-0800